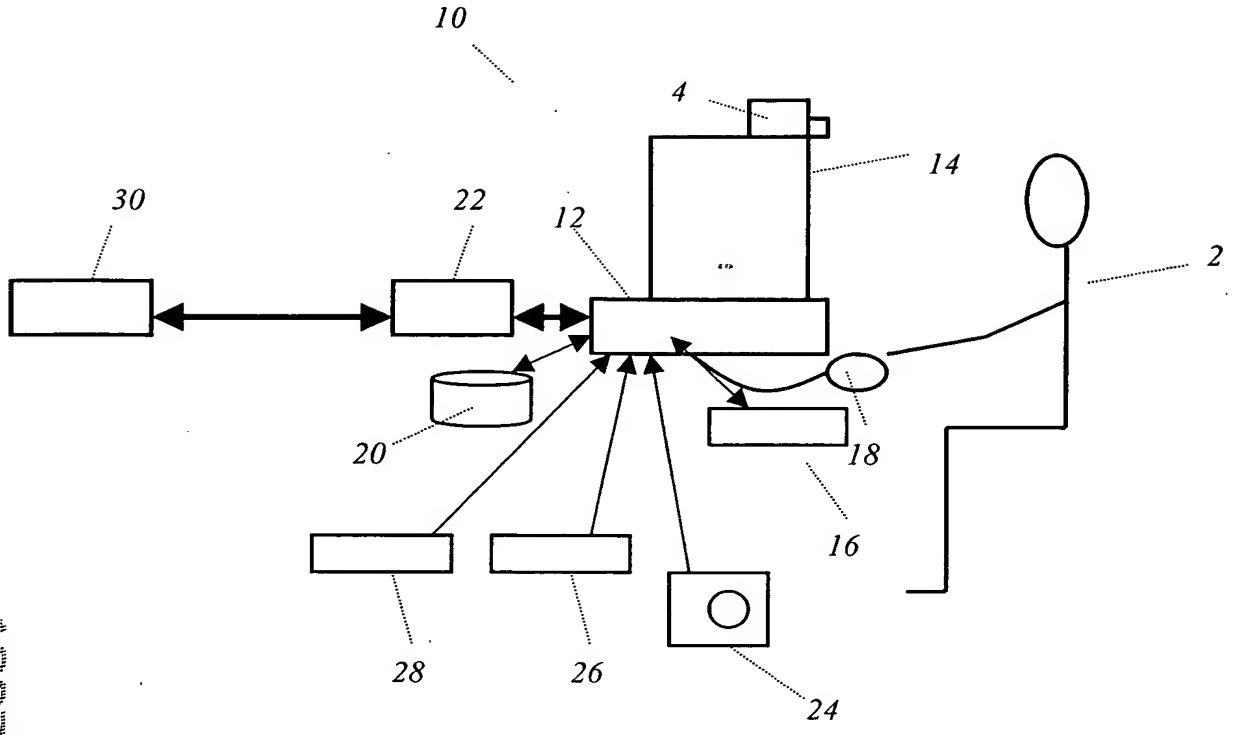
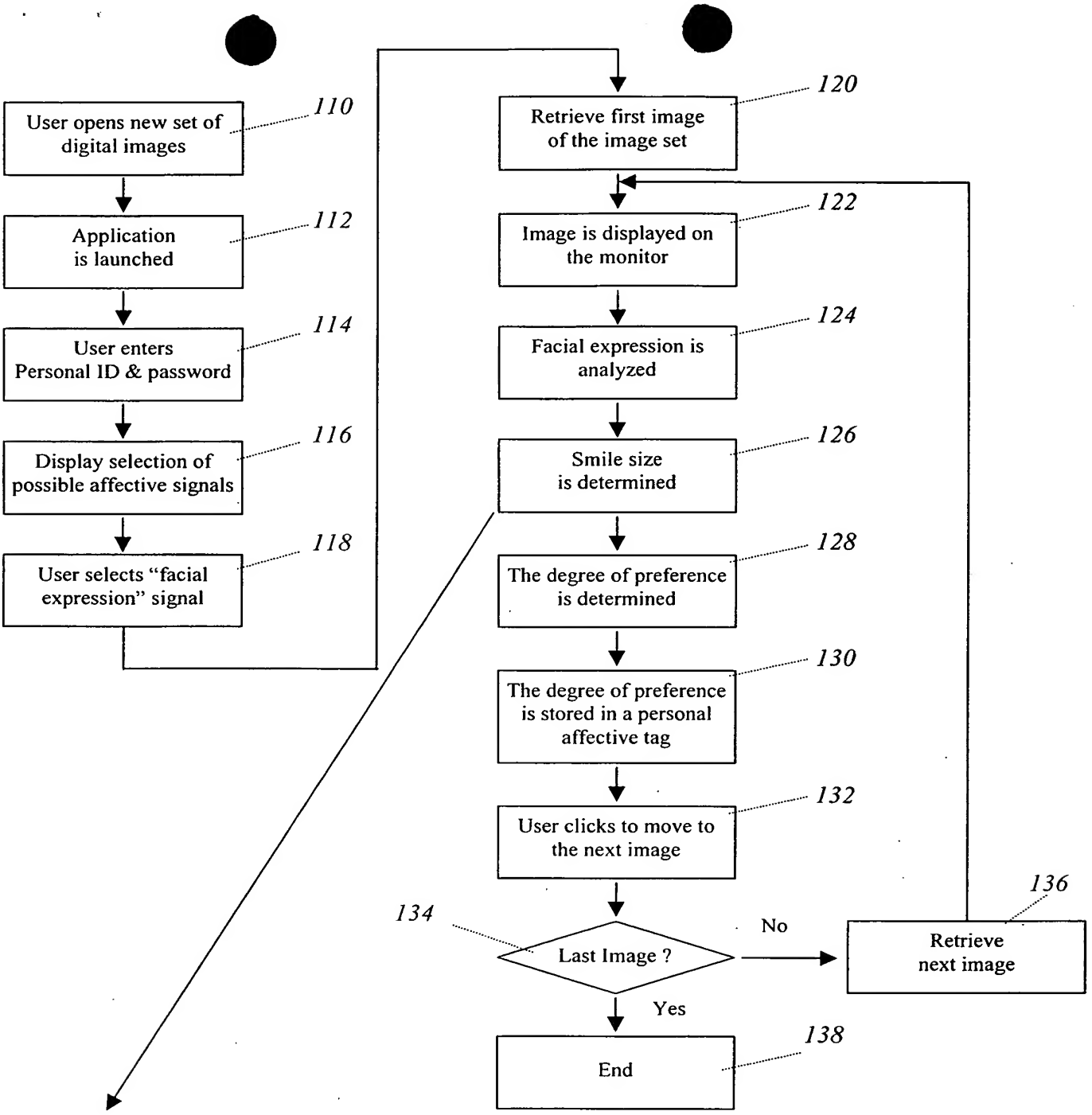


FIG. 1

20040260004



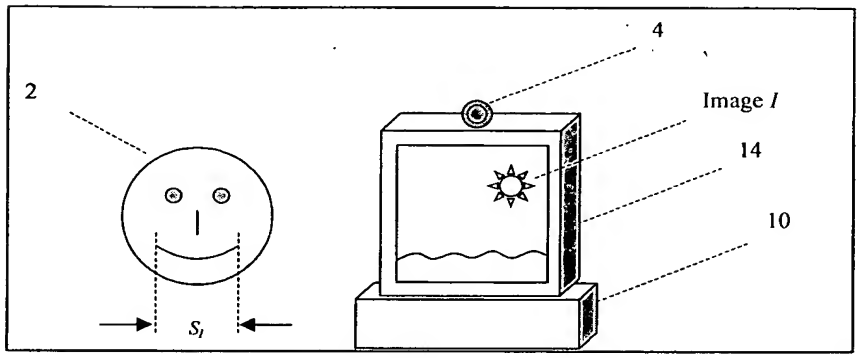


Fig. 2

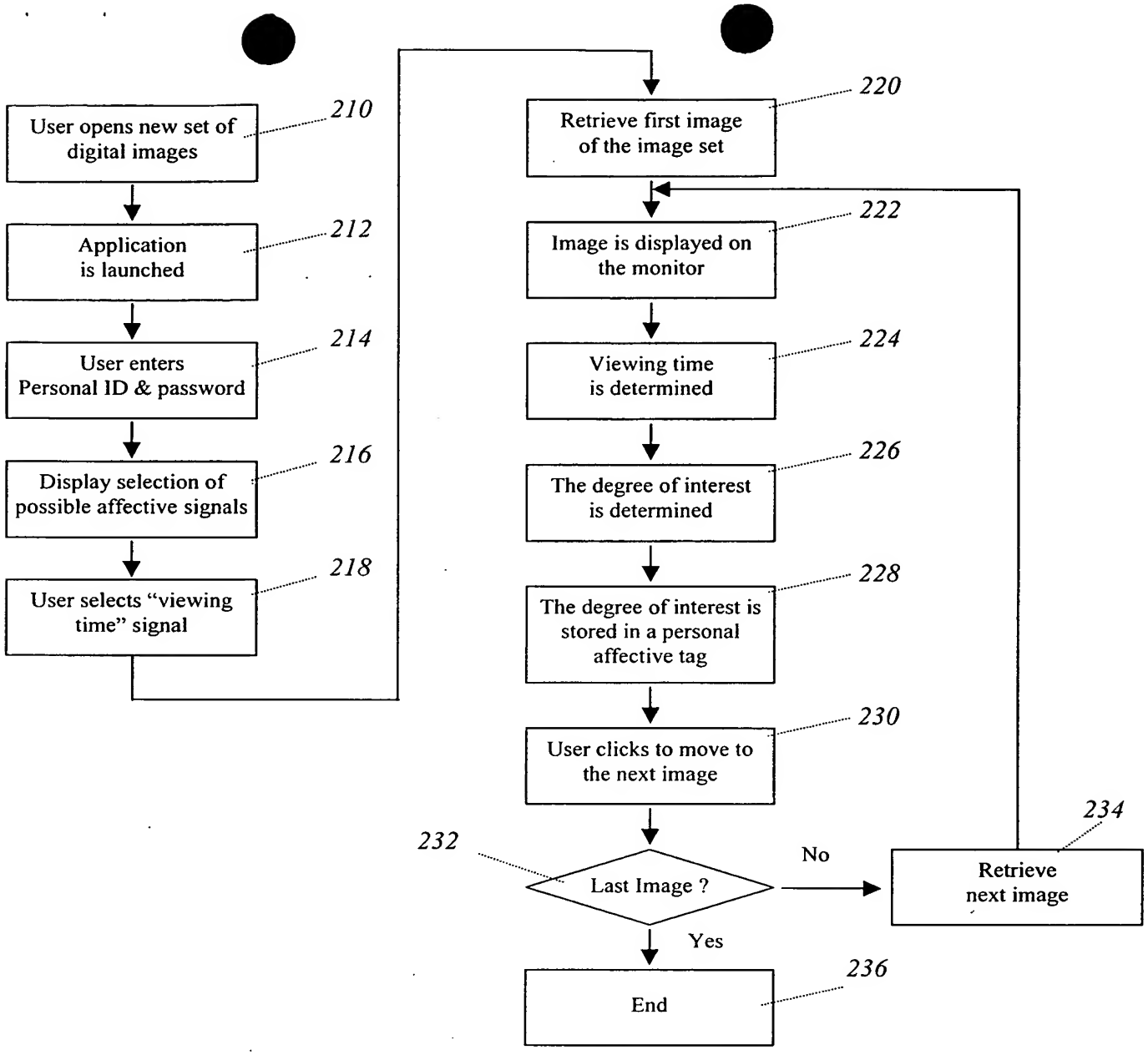

User opens new set of digital images
210
Application is launched
212
User enters Personal ID & password
214
Display selection of possible affective signals
216
User selects "viewing time" signal
218
Retrieve first image of the image set
220
Image is displayed on the monitor
222
Viewing time is determined
224
The degree of interest is determined
226
The degree of interest is stored in a personal affective tag
228
User clicks to move to the next image
230
232
Last Image ?
No
Retrieve next image
234
Yes
End
236

Fig. 3

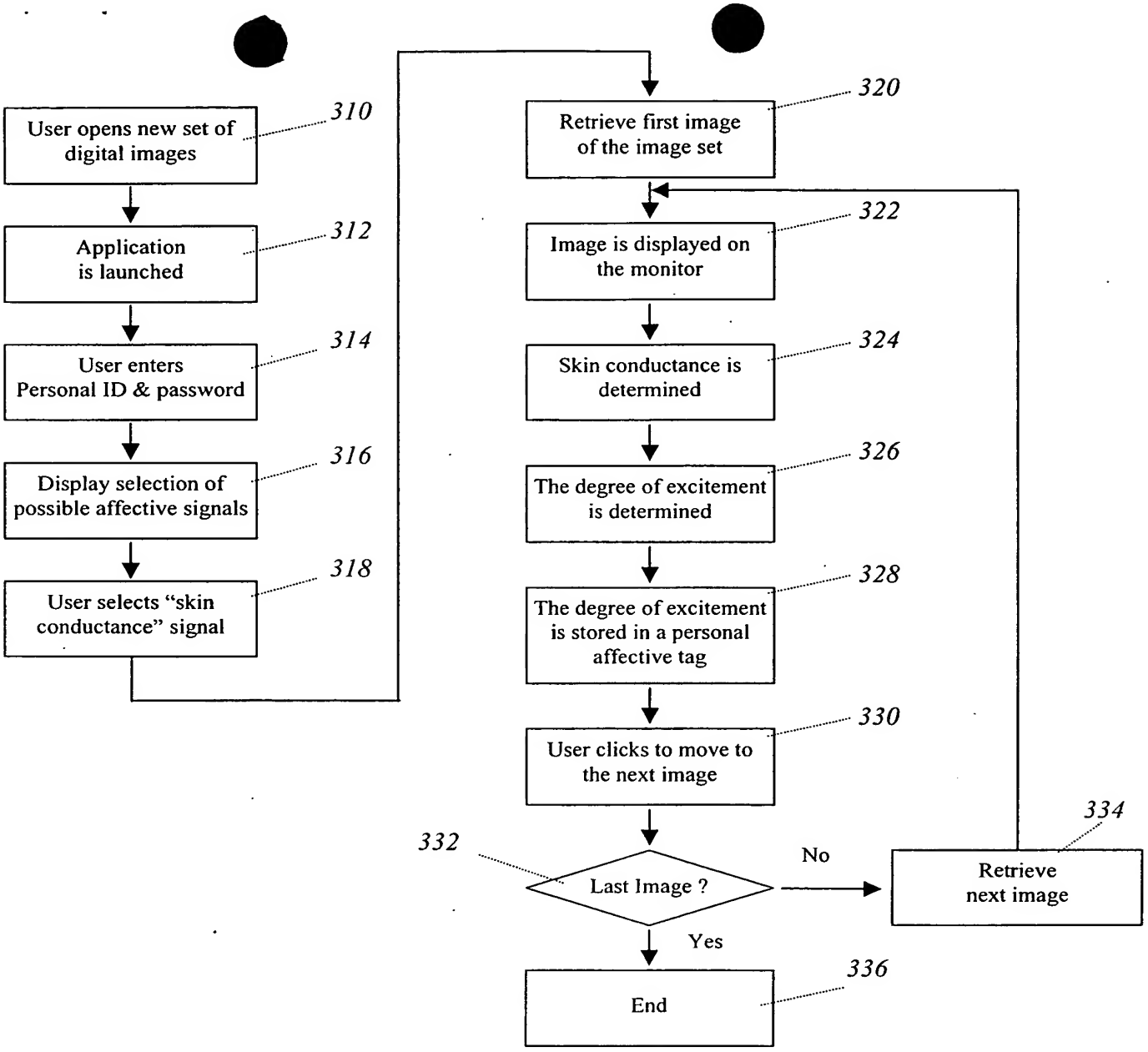

User opens new set of digital images
310
Application is launched
312
User enters Personal ID & password
314
Display selection of possible affective signals
316
User selects "skin conductance" signal
318
Retrieve first image of the image set
320
Image is displayed on the monitor
322
Skin conductance is determined
324
The degree of excitement is determined
326
The degree of excitement is stored in a personal affective tag
328
User clicks to move to the next image
330
Last Image ?
332
No
Retrieve next image
334
Yes
End
336

Fig. 4

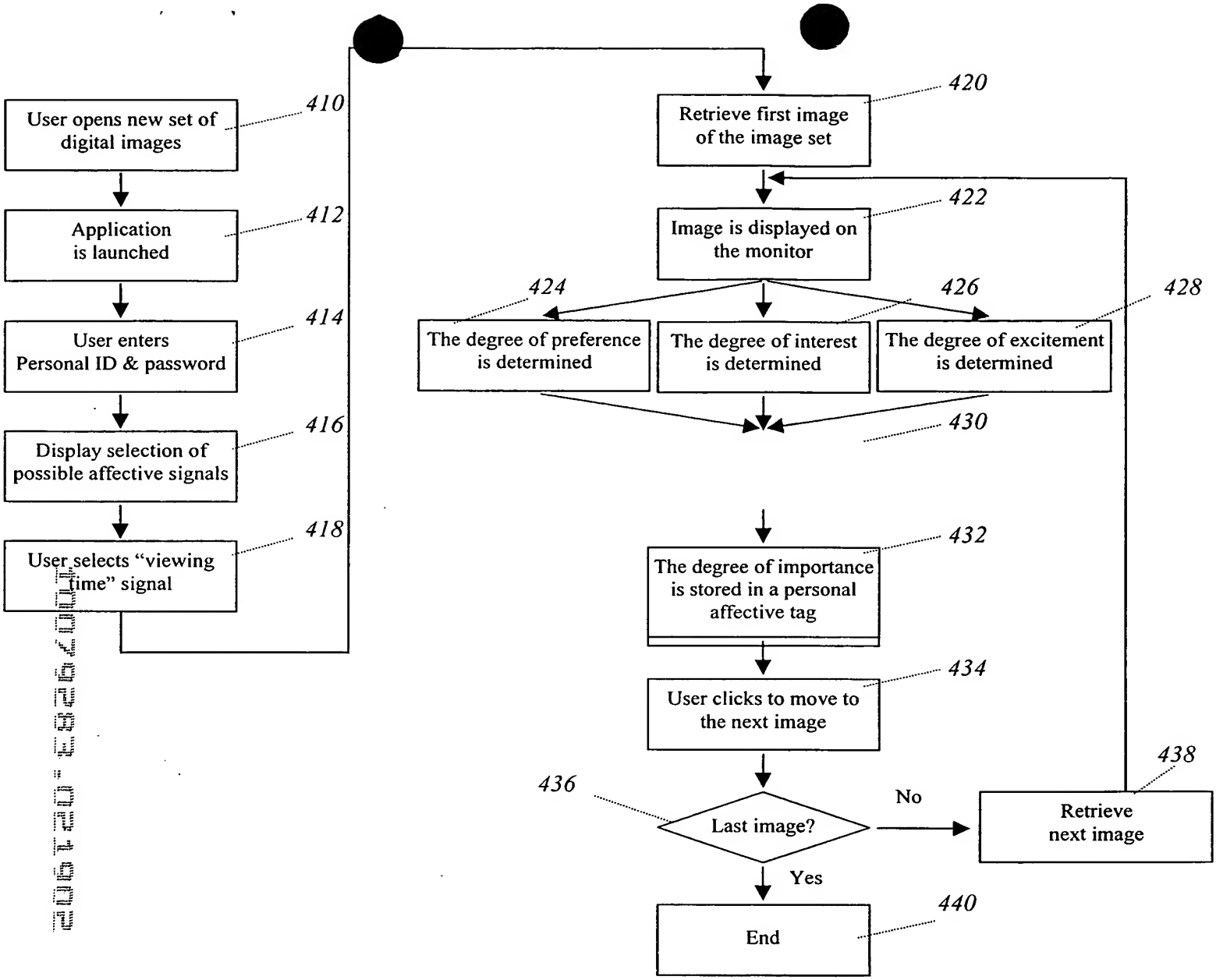

User opens new set of digital images
410
Application is launched
412
User enters Personal ID & password
414
Display selection of possible affective signals
416
User selects "viewing time" signal
418
Retrieve first image of the image set
420
Image is displayed on the monitor
422
The degree of preference is determined
424
The degree of interest is determined
426
The degree of excitement is determined
428
430
The degree of importance is stored in a personal affective tag
432
User clicks to move to the next image
434
Last image?
436
No
Retrieve next image
438
Yes
End
440

Fig. 5

Personal Affective Tag
Personal Identification = User 1
Viewing time = 00:00:15

Fig. 6A

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Personal Affective Tag #1
Personal Identification = User 1
Facial Expression = Smile
Smile Size = 1.5
Preference = 1.5
Emotional category = Strongly happy
Viewing time = 00:00:15
Interest = 15
Skin Conductance Response= 5μmho
Excitement = 5
Importance = 21.5
Date = 9/1/2000; 21:19:03
Personal Affective Tag #2
Personal Identification = User 2
Facial Expression = No smile
Smile Size = 0
Preference = 0
Emotional category = Neutral
Viewing time = 00:00:02
Interest = 2
Skin Conductance Response= 1μmho
Excitement = 1
Importance = 3
Date = 9/1/2000; 21:19:03
Personal Affective Tag #3
Personal Identification = User 1
Facial Expression = Smile
Smile Size = 1.1
Preference = 1.1
Emotional category = Somewhat happy
Viewing time = 00:00:10
Interest = 10
Skin Conductance Response = 3μmho
Excitement = 3
Importance = 14.1
Date = 10/1/2000; 18:32:44

Fig. 6**B**